

Substitute for form 1448/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/724,356
Filing Date	December 1, 2003
First named Inventor	BARWICZ, Andrzej
Art Unit	2877
Examiner Name	LAUCHMAN, LAYLA G
Attorney Docket Number	14540

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)			
		US-5,296,956	03-22-1994	FATEHI ET AL.	
		US-5,513,029	04-30-1998	ROBERTS	
		US-5,654,816	08-05-1997	FISHMAN	
		US-5,745,616	04-28-1998	ZIRNGIBI	
		US-5,793,481	08-11-1998	LEALI	
		US-6,215,565 B1	04-10-2001	DAVIS ET AL.	
		US-6,310,703 B1	10-30-2001	ALAVIE ET AL.	
		US-6,317,231 B1	11-13-2001	AL-SALAMEH ET AL.	
		US-6,344,910 B1	02-05-2002	CAO	
		US-6,396,051 B1	05-28-2002	LI ET AL.	
		US-6,433,901 B2	08-13-2002	CAO	
		US-6,577,786 B1	08-10-2003	CAPPIELLO ET AL.	
		US-6,714,743 B2	03-30-2004	HSICH ET AL.	
		US-2001/0031107 A1	10-18-2001	BRADSHAW	

FOREIGN PATENT DOCUMENTS

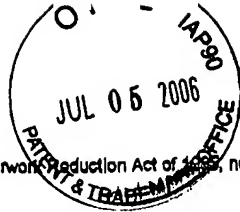
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
		WO	01/52451	A2	07-19-2001	CORNING INCORPORATED ET AL.		
		WO	00/71980	A1	11-30-2000	MEASUREMENT MICROSYSTEMS A-Z INC. ET AL.		
		WO	99/67609	A1	12-29-1999	DITECH CORPORATION ET AL.		

Examiner
SignatureDate
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete If Known

Application Number 10/724,356
Filing Date December 1, 2003
First named Inventor BARWICZ, Andrzej
Art Unit 2877
Examiner Name LAUCHMAN, LAYLA G
Attorney Docket Number 14540

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2002/0044322 A1	04-18-2002	BLUMENTHAL ET AL.	
		US-2002/0114029 A1	08-22-2002	SEYDNEJAD ET AL.	
		US-2002/0114062 A1	08-22-2002	SIMARD ET AL.	
		US-2002/0138786 A1	09-26-2002	JACOB	
		US-2002/0168142 A1	11-14-2002	COPNER ET AL.	
		US-2002/0176129 A1	11-28-2002	DINU ET AL.	
		US-2003/0053163 A1	03-20-2003	LI ET AL.	
		US-2003/0099010 A1	05-29-2003	LIU ET AL.	
		US-2003/0112433 A1	06-19-2003	YOUN ET AL.	
		US-2003/0123119 A1	07-03-2003	MOROZOV ET AL.	
		US-2003/0138251 A1	07-24-2003	JAYARAM ET AL.	
		US-2003/0151789 A1	08-14-2003	HAMOIR	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				

Examiner
SignatureDate
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.